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(54) Title: INTERNET PROTOCOL OPTIMIZER

(57) Abstract: A method for optimizing the throughput of TCP/IP applications by aggregating user application data and consolidating multiple TCP/IP connection streams into a single optimized stream for delivery to a destination application. Optimization of the internet protocol uses a packet interceptor to intercept packets from a source application, a packet driver to aggregate the intercepted packets, a data mover to transport the aggregated packets to another data mover at the destination, a destination packet driver to disaggregate the transported aggregated packets, and a destination end processor to deliver the disaggregated IP packets to the destination application.